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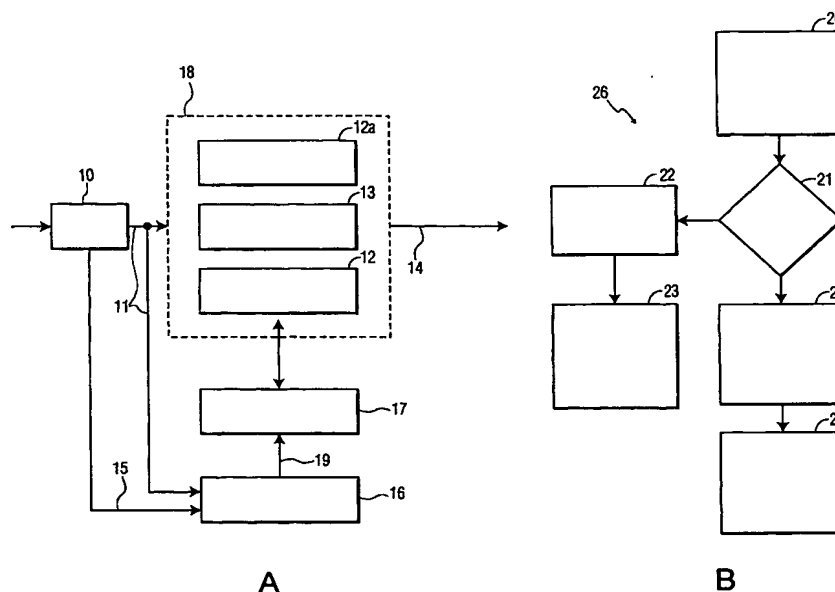
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(54) Title: JOINT RESOLUTION OR SHARPNESS ENHANCEMENT AND ARTIFACT REDUCTION FOR CODED DIGITAL VIDEO



(57) **Abstract:** The present application is a new approach for jointly controlling resolution or sharpness enhancement and artifact reduction in order to improve picture quality for coded digital video. The present application provides a joint control that is based on a metric, the metric being used to determine which pixel and by how much it is to be enhanced and to determine on which pixel and to what degree to carry out the artifact reduction.

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*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*